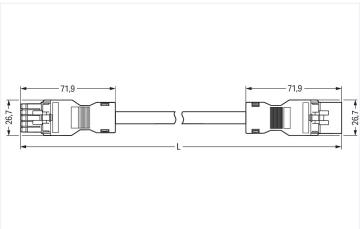
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; (H)05VV-F

5x1,5 mm²; 5 m; 1,50 mm²; light green

https://www.wago.com/891-8995/006-505







Dimensions in mm

Cable assembly WINSTA® MINI B coding

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MINI cable assembly B coding. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to many different requirements in seconds. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. B coding enables the WINSTA® MINI pluggable installation connectors to be used for application control in automation, robotics, and mechanical engineering. Thanks to its particularly minimal dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is specifically suitable in very restricted spaces, i.e., for connections when very little room is available. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are met by this product through fire class E.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose durability and quality – with protection type IP20 from WAGO makes the installation of electrical components visibly easier.

- effective protection against mismating
- easy tool-free operation, a wide range of coding options
- with B coding for use in automation of processes, such as lighting technology, for example
- flexible installation to save space
- quick replacement of defective units during ongoing operation

Notes	
Note	Cables with a different fire class can be found in the eShop.
Variants:	Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.

Electrical data					
Ratings per	IEC	/EN 60664	-1	Ratings per IEC/EN – Notes	5
Overvoltage category	III	III	II	Rated current (note)	13 A for 3-pole load
Pollution degree	3	2	2		10 A for 4- and 5-pole load
Nominal voltage	400 V	-	-		
Rated surge voltage	6 kV	-	-		
Rated current	16 A	-	-		

https://www.wago.com/891-8995/006-505



General information

Note on contact resistance

approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/ socket

Connection data			
Total number of potentials	5	Connection 1	
		Pole number	5
	Wire cross-section	1.5 mm²	
		Connection type	Socket - Plug

Physical data	
Pin spacing	4.4 mm / 0.173 inches
Width	26.7 mm / 1.051 inches
Height	15.8 mm / 0.622 inches
Total length	5 m

Mechanical data	
Use	Control technology
Coding	В
Variable coding	No
Marking	12345
Potential marking	12345
Mating force of a plug-in connection	approx. 20 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	when unlocked: approx. 20 70 N (depending on pole number)
Number of mating cycles	200, without resistive load
Connection type	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05VV-F 5x1.5
Protection type	IP20; IP40 when mated

Plug-in connection	
Mismating protection	Yes
Note on mismating protection	All WINSTA® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole
Locking lever	Can be retrofitted
Locking of plug-in connection	Locking lever
Note on locking system	All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket).

https://www.wago.com/891-8995/006-505

Downloads

891-8995/006-505



Material data	
Note (material data)	
	Information on material specifications can be found here
Color	light green
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.607 MJ
Connector color	light green
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	840.4 g
Copper weight of the pipe	0.072 kg/m

Environmental requirements	
Processing temperature	-5 +40 °C
Continuous operating temperature	-35 +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data	
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 9.0	EC002587
ETIM 8.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	PL
GTIN	4055143518550
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Environmental Product Compliance Compliance Search Environmental Product Compliance

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CAD/CAE-Data CAE data EPLAN Data Portal 891-8995/006-505

1.1 Required Accessories 1.1.1 Locking system 1.1.1 Locking system 1.1.1 Locking system Item No.: 890-111 Locking lever; for flying leads; for tool operation; black | Item No.: 890-101 | Locking lever; for manual operation; black | Locking lever; for manual operation; white

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



Item No.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

1.2.2 Installation

1.2.2.1 Mounting accessories



Item No.: 890-310

Mounting carrier; 2- to 5-pole; for flying leads; black

Item No.: 890-311

Mounting carrier; 2- to 5-pole; for flying leads; white

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: $\underline{www.wago.com}$

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